

26 / 28 TULSA - ©TULS

TI - THE APPLICATION OF SYNTHETIC ACOUSTIC IMPEDANCE LOG TO THE COMPUTATION OF FORMATION PORE **PRESSURE GRADIENT** AND **FRACTURE GRADIENT**

27 / 28 TULSA - ©TULS

TI - OVERBURDEN GRADIENT CALCULATION FORM SONIC LOG

28 / 28 TULSA - ©TULS

TI - PRESSURE PRESSING ROCK PARTICLES TO THE ROCK MASS DURING DRILLING

Query/Command : prt 2 5 8 21 fu

2 / 28 TULSA - ©TULS

AN - 815240

TI - USE OF CUTTING **VELOCITIES** FOR REAL TIME PORE **PRESSURE** AND **FRACTURE GRADIENT** PREDICTION

AU - TUTUNCU, A N; MYERS, M T; ARASTEH, M M

OS - SHELL OIL CO; SHELL CANADA LTD

SO - WORLD 03/036,044A1, P 2003.05.01, F 2002.10.24, PR US 2001.10.24 (APPL 60/336,348) (E21B-049/00; E21B-047/06) (35 PP; 25 CLAIMS)

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IC - E21B-049/00; E21B-047/06

IT - CUTTINGS ANALYSIS*; ANALYTICAL METHOD*; CUTTINGS (ROCK)*; LOGGING WHILE DRILLING*; MEASURING*; NONDESTRUCTIVE TESTING*; PORE PRESSURE*; PRESSURE*; ROCK ANALYSIS*; ROCK SAMPLE*; SAMPLE*; TESTING*; ULTRASONIC TESTING*; WELL LOGGING*; ACCURACY; ACOUSTICS; BUSINESS OPERATION; DATA; DRILLING (WELL); DRILLING DATA; ERROR; FISSURE (GEOLOGY); FLUID PROPERTY; FORMATION VELOCITY; FRACTURE (ROCK); FREQUENCY; GEOLOGIC STRUCTURE; GEOPHYSICAL DATA; GRADIENT; HAZARD; HIGH FREQUENCY; MATHEMATICAL ANALYSIS; MATHEMATICS; MUD PROPERTY; MUD WEIGHT; OVERPRESSURED RESERVOIR; PERMEABILITY; PERMEABILITY (ROCK); PHYSICAL PROPERTY; POROSITY; POROSITY (ROCK); PREDICTION; PRESSURE GRADIENT; PROFILING; RESERVOIR; ROCK PROPERTY; SAFETY; SEISMIC DATA; SEISMIC VELOCITY; SHELL